MACHINE SPECIFICATIONS

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MODEL W1819
SHOP FOX® CABINET SAW W/ RIVING KNIFE

Motors

Main

Type..... TEFC Capacitor Start Induction
Horsepower..... 3 HP
Voltage..... 230V
Phase..... Single
Amps..... 12.8A
Speed..... 3450 RPM
Cycle..... 60 Hz
Number of Speeds..... 1
Power Transfer ..... Triple V-Belt Drive
Bearings..... Shielded and Permanently Sealed

Main Specifications

Blade Information

Maximum Blade Diameter..... 10 in.
Riving Knife/Spreader Thickness..... 0.1 in. (2.5mm)
Required Blade Body Thickness..... 0.071-0.094 in. (1.8-2.4mm)
Required Blade Kerf Thickness..... 0.102-0.126 in. (2.6-3.2mm)
Maximum Width of Dado..... 13/16 in.
Blade Tilt..... Left 0-45 deg.
Arbor Size..... 5/8 in.
Arbor Speed..... 4300 RPM
Arbor Bearings..... Sealed and Permanently Lubricated

Cutting Capacities

Maximum Depth of Cut At 90 Degrees..... 3-1/8 in.
Maximum Depth of Cut At 45 Degrees..... 2-3/16 in.
Maximum Rip To Right of Blade-Standard..... 29-1/2 in.
Maximum Rip To Left of Blade..... 13-1/2 in.

Table Information

Floor To Table Height..... 34 in.
Table Size Width..... 20 in.
Table Size Depth..... 27 in.
Table Size Thickness..... 1-7/8 in.
Table Size With Extension Wings Width..... 53-3/8 in.
Table Size With Extension Wings Depth..... 27 in.
Table Size With Extension Wings Thickness..... 1-7/8 in.
Distance Front of Table To Center Of Blade..... 17-1/8 in.
Distance Front of Table To Blade At Maximum Cut..... 12-1/2 in.

Fence Information

Fence Type..... Camlock T-Shaped Fence with HDPE Face
Fence Size Length..... 39-5/16 in.
Fence Size Width..... 3-7/8 in.
Fence Size Height..... 2-1/2 in.
Fence Rail Type..... Square Steel Tubing
Fence Rail Length..... 62 in.
Fence Rail Width..... 2-3/4 in.
Fence Rail Height..... 2 in.

Miter Gauge Information

Miter Gauge Slot Type..... T-Slot
Miter Gauge Slot Size Width..... 3/4 in.
Miter Gauge Slot Size Height..... 3/8 in.

Construction

Type..... Cabinet
Table..... Precision Ground Cast Iron
Wings..... Precision Ground Cast Iron
Trunnions..... Cast Iron
Base..... Pre-Formed Steel
Body Assembly..... Pre-Formed Steel
Fence Assembly..... Steel with HDPE Side Plates
Rails..... Steel
Miter Guage..... Cast Iron with Steel Bar
Guard..... Steel and Plastic

Other Related Information

Paint..... Powder Coated
Number of Dust Ports..... 1
Dust Port Size..... 4 in.

Product Dimensions

Weight..... 507 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 62 x 45-1/2 x 40 in.
Footprint (Length x Width)..... 22-1/4 x 20 in.

Shipping Dimensions

Carton #1

Type..... Cardboard/Wood Skids
Content..... Machine & Table Extension
Weight..... 463 lbs.
Length x Width x Height..... 33 x 30 x 40 in.

Carton #2

Type..... Cardboard
Content..... Fence
Weight..... 27 lbs.
Length x Width x Height..... 42 x 17 x 7 in.

Carton #3

Type..... Cardboard
Content..... Rails
Weight..... 49 lbs.
Length x Width x Height..... 68 x 7 x 5 in.

Electrical

Power Requirement..... 220-240V, Single-Phase, 60 Hz
Minimum Circuit Size..... 20A
Switch..... Magnetic with Thermal Overload Protection
Switch Voltage..... 220V
Cord Length..... 6 feet
Cord Gauge..... 14 gauge
Plug Included..... Yes
Included Plug Type..... 6-20

Other

ISO Factory ..... ISO 9001
Country Of Origin ..... China
Warranty ..... 2 Year
Serial Number Location ..... ID Label on Cabinet
Assembly Time ..... 1 Hour

Features

T-slot miter gauge with extruded aluminum fence and flip stop
Leeson Motor
Precision Ground Cast Iron Table
Cast Iron Trunnions
4" Dust Port
Riving Knife and Blade Guard
Camlock T-Shaped Fence with HDPE Face
Quick-Release Device for Changing Guard/Riving Knife
Powder Coated Paint
Standard and Dado Table Inserts
Quick Release Riving Knife
Quick Release Motor Guard
Quick Release Splitter Assembly
Easy Glide Fence System
Knurled Knobs for Adjusting Fence
Nylon Runners Inside Fence Head Assembly
Recessed Screw Holding Table Insert